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CENTRAL FAX CENTER****JUN 20 2005****PATENT**800.0046
A1140**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Pechanek et al.

Serial No.: 10/004,010

Filed: November 1, 2001

For: METHODS AND APPARATUS FOR EFFICIENT COMPLEX LONG
MULTIPLICATION AND COVARIANCE MATRIX IMPLEMENTATION

Group: 2193

Examiner: Do, Chat C

Durham, North Carolina
June 20, 2005Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**CERTIFICATION OF FACSIMILE TRANSMISSION**

Sirs:

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax. No. 703-872-9306 on the date set forth below.

1. Amendment Transmittal (2 pages)
2. Amendment After Final (20 pages)
3. RCE Transmittal (1 page).

Vickie Diane Hawkins

Printed name of person signing

Vickie Diane Hawkins
Signature

Date: June 20, 2005

PTO/SB/30 (08-04)

Approved for use through 07/31/2008. OMB 0861-0031

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| Request for Continued Examination (RCE) Transmittal Address to: Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | Application Number | 10/004,010 |
| | Filing Date | 11/01/2001 |
| | First Named Inventor | Pechanek et al. |
| | Art Unit | 2193 |
| | Examiner Name | Do, Chat C. |
| | Attorney Docket Number | 800.0046 |

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
 Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ii. ☐ Other _____
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other _____
2. **Miscellaneous**
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other _____
3. **Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 50-0158. I have enclosed a duplicate copy of this sheet.
- i. ☒ RCE fee required under 37 CFR 1.17(e)
- ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)
- iii. ☐ Other _____
- b. ☐ Check in the amount of \$ _____ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED | | | |
| Signature | <i>Joseph B. Augusta</i> | Date | June 20, 2005 |
| Name (Print/Type) | Joseph B. Augusta | Registration No. | 52,547 |

| | | | |
|---|-----------------------------|------|---------------|
| CERTIFICATE OF MAILING OR TRANSMISSION | | | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below. | | | |
| Signature | <i>Vickie Diane Hawkins</i> | Date | June 20, 2005 |
| Name (Print/Type) | Vickie Diane Hawkins | | |

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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